

WHAT IS CLAIMED IS:

1. A seat reclining device in which a seat belt is fixed to a seat back at one side comprising:
a pair of upper arms mounted on the seat backs;
a pair of lower arms fixed to seat cushion at both sides so as to be rotatable relative to the upper arms;
a pair of locking mechanisms restricting a rotation of the upper arms relative to the upper arms;
a connecting mechanisms unlocking both locking mechanisms;
an operation handle provided at one locking mechanism ;
the other locking mechanism is unlocked in response to operation of the operation handle through the connecting mechanism,
under the condition that the operation handle is operated so that one locking mechanism can be unlocked, one locking mechanism, the operation handle, the connecting mechanism and the other locking mechanism can be engaged each other and operate together, under the condition that the one seat back fixed to the seat belt is more deformed by tension of the seat belt than the other side of the seat back, any engagement among the one locking mechanism, the operation handle, the connecting mechanism and the other locking mechanism is disengaged each other so that the one locking mechanism cannot operate together with the other locking mechanism.
2. A seat reclining device according to claim 1, wherein a shaft included in the locking mechanisms is provided with a convex portion and a groove portion is provided at the connecting mechanism where the shaft is inserted, or convex portion is provided at the connecting mechanism where the shaft is inserted and the shaft included in the locking mechanism is provided with the groove portion so that predetermined interspace can be set between the convex portion and the groove portion.

3. A seat reclining device according to claim 1, wherein the connecting mechanism consist of plural link parts, when the one side of the seat back fixed to the seat belt is more deformed by tension of the seat belt than the other side of the seat back, any engagement is the plural link parts is disengaged each other with respect to one direction in which the link parts are operated.